

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005342**Date Inspected:** 20-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 830**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1830**Contractor:** Japan Steel Works**Location:** Muroran, Japan**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:****Summary of Items Observed:**

Caltrans Quality Assurance Inspector (QAI) Mr. Dave McClary, Mr. Joe Lanz, Mr. Wai Pau and Caltrans SMR Mr. Ron Brasel attended a meeting at Japan Steel Works Muroran facility with JSW personnel Mr. Hiroshi Iga and Mr. Kazunori Sato. The purpose of meeting was discussed the requirements of AWS D1.5-2002 prequalified welding procedures as it applies to post weld heat treatment of cast material, the lack of open access to casting work areas for Caltrans QA inspector and working schedule. The conclusion and detail of the meeting check with SMR Mr. Ron Brasel daily report.

Caltrans QAI Mr. Wai Pau performs a calibration on the new NDT ultrasonic testing digital display instrument. The model of instrument is Phasor XS made by GE Technologies USA. The straight beam A-scan and shear wave beam A-scan have been calibrated and stored in the instrument for further testing.

Summary of Conversations:

As noted within the report above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Venkatesh Iyer (858)697-6363, who represents the Office of Structural Materials for your project.

Inspected By: Pau,Wai

Quality Assurance Inspector

Reviewed By: Lanz,Joe

QA Reviewer